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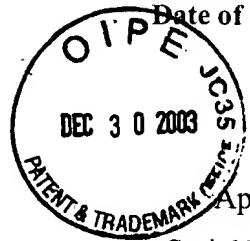
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Attorney Docket No.: 23239-301A (ARC-301A)

1635  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ellington et al.  
Serial Number : 09/661,658      Examiner: Terra C. Gibbs  
Filing Date : September 14, 2000      ART UNIT: 1635  
For : ALLOSTERICALLY REGULATED RIBOZYMES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 30, 2003  
Boston, Massachusetts

**TRANSMITTAL LETTER**

Transmitted herewith for filing in the present application are the following documents:

1. Response and Amendment (13 pages);
2. Appendix A (Figures 1-3) (4 pages);
3. Appendix B (Figures 1-3) (4 pages);
4. Appendix C (1 page);
5. Petition for Extension of Time (1 page);
6. Check No. 17796 in the amount of \$210.00 to cover extension fee;
7. Computer-readable copy of the Sequence Listing (1 diskette);
8. Paper copy of the Sequence Listing (5 pages);
9. Statement in Support of Computer Readable Form Submission Under 37 C.F.R. § 1.821(f) (1 page); and
10. Return Postcard.

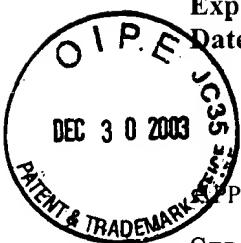
The Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311 (Reference No. 23239-301A). A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

  
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**Customer No. 30623**



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**RESPONSE AND AMENDMENT**

This Response and Amendment is submitted in response to the Office Action (Paper No. 20) mailed July 30, 2003 in the above-identified patent application. With a two-month extension, these documents are due on or before December 30, 2003. Applicants submit herewith a Petition for a Two-Month Extension of Time, along with the appropriate fee. Thus, Applicants believe no additional fees are due in connection with this filing. However, the Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 23239-301A.

Please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 6 of this paper and include both attached replacement sheets and annotated sheets showing changes.

**Remarks/Arguments** begin on page 7 of this paper.

**An Appendix** including the amended drawing figures is attached following page 13 of this paper.